



## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78494

Kaoru IRIE, et al.

Appln. No.: 10/736,076

Group Art Unit: 3721

Confirmation No.: 4257

Examiner: Eugene Lee KIM

Filed: December 16, 2003

For: PROCESS FOR PRODUCING SPIRAL MEMBRANE ELEMENT

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents listed on the attached PTO/SB/08 A & B (modified) form, which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicants enclose herewith a copy of a communication from a foreign patent office in a counterpart application citing such documents, together with an

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/736,076

English-language version (if not already included) of at least that portion of the communication

indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicants do not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

Registration No. 47,125

L. Raul Tamayo

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: October 14, 2005

2

	Substitute for Form 1449 A & B/PTO			Com	plete if Known	
	Substitute to	r rorm 1449 A & D/F1O	•	Application Number	10/736,076	
101	PE	INFORMATION	DISCLOSURE	Confirmation Number	4257	
	1	STATEMENT BY		Filing Date	December 16, 2003	
	%\	STATEMENT B	AFFLICANI	First Named Inventor	Kaoru IRIE	
OCT 1	4 2005	(use as many shee	ts as necessary)	Art Unit	3721	
	<u>#/</u>			Examiner Name	Eugene Lee KIM	
۵.	I <b>₹</b> ₹\$1	neet 1	of 1	Attorney Docket Number	078494	

			U.S. I	PATENT DOCUME	ENTS	
Examiner	Cite	Document 1	Number	Publication Date		
Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Docume	
		·				
	L_					

FOREIGN PATENT DOCUMENTS								
Examiner	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date	Name of Patentee or		
Initials*		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>	
		JP	10-137559	Α	05-26-1998	Nitto Denko Corp.		
		JP	10-137558	A	05-26-1998	Nitto Denko Corp.		
		<u> </u>						
				<u> </u>				
				<u> </u>				

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>		
			<u> </u>		
	<del></del> <u></u>		<u></u>		

Examiner Signature Date Considered			 		_
		]			
			i		
	Examiner Signature		Date Considered		
		<del></del>	 1 Dute Considered	L	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.